



Fostering future VTOL talent

Vertical Flight Society STEM Program

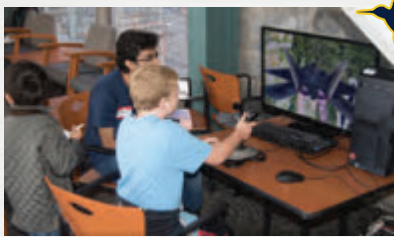
Mission: To provide opportunities for technical knowledge exchange and dissemination; promote awareness of vertical flight capabilities, challenges, and development; foster interest in vertical flight careers and professional advancement.

The Vertical Flight Society is the international technical organization that advocates, promotes and supports technology and professional development. Originally founded as the American Helicopter Society, VFS today supports the global advancement of vertical flight from micro air vehicles and drones, to helicopters, vertical take-off and land fighter jets, advanced rotorcraft and innovative electric concepts.



VFS knows first-hand the importance of inspiring and educating young people today to provide a continued supply of highly educated, motivated, well-rounded vertical flight engineers, scientists and technicians for tomorrow.

stem.vtol.org



VFS website offers vertical flight topics and curriculum resources suitable for elementary, middle and high school usage. These tools assist educators in developing interesting, science-based classroom and lab lessons. Contributions come from the American Helicopter Museum and VFS educational members such as Georgia Institute of Technology, University of Maryland, U.S. Naval Academy and Pennsylvania State University. Go to the VFS website stem.vtol.org for more information on our STEM activities.



Our 90+ corporate members include:

Platinum Members:

- Airbus Helicopters
- Bell
- The Boeing Co.
- Leonardo
- Sikorsky, A Lockheed
- Martin Co.

Gold Members:

- GE Aviation
- Triumph Group***
- *VFS STEM Program Sponsor



Silver Members:

- Avicopter
- CAE, Inc.
- Hindustan Aeronautics Ltd.
- Honeywell
- LORD Corporation
- MD Helicopters, Inc.
- Pratt & Whitney
- Rolls-Royce
- Safran

Bronze Members:

- Aurora Flight Sciences
- Hutchinson Aerospace
- Kaman Aerospace
- PCX Aerostructures
- Robinson Helicopter Co.
- Rockwell Collins
- UTC Aerospace Systems



The Vertical Flight Society
Fostering talents today for tomorrow's VTOL workforce

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Inspiring the next generation of scientists, engineers, and leaders



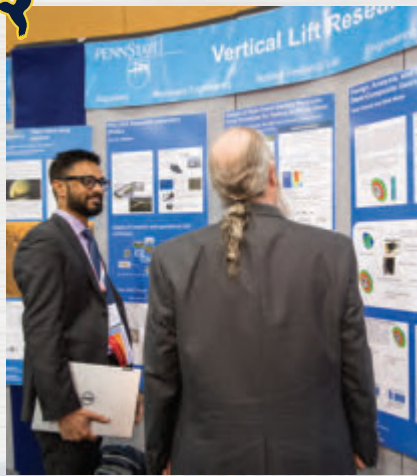
VFS Contests like the Micro Air Vehicle (MAV) Challenge and the Annual Student Design Competition inspire young engineers to tackle real-world designs.



Our Annual Forum & Technology Display allows students to interact with each other and professionals, where they can explain their research and learn about others' work. In addition to university students, tours from local high schools are also invited.



The VFS Vertical Flight Foundation and local chapter scholarship programs support students pursuing technical careers in vertical flight.



VFS recognizes and encourages students' research at the Annual Forums, technical specialists' meetings and local chapter meetings.



VFS is the global resource for information on vertical flight technology, with over 75 years of knowledge presented in the Journal of the AHS, Vertiflite magazine, and over 10,000 technical papers on the online Vertical Flight Library. Vertipedia is a comprehensive online encyclopedia on VTOL technology, history, and figures.



As shown here, VFS members organize STEM education and outreach such as an annual STEM Rotor Day, where real-world, hands-on demonstrations educate and fascinate the students. The STEM website offers elementary, middle and high school lesson plans and activity guides for educators and students.



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